# Rec'd PCT/PTO 2 7 MAY 2005.





## **PCT**

10/536654

#### INTERNATIONAL PRELIMINARY EXAMINATION REPORT

(PCT Article 36 and Rule 70)

Applicant's or agent's file reference	FOR FURTHER ACT		cation of Transmittal of International		
S2819 GC/lko		Preniminary.	Examination Report (Form PCT/IPEA/416)		
International application No. PCT/EP2003/012350		date (day/month/year) Priority date (day/month/year)			
	05 November 2003		27 November 2002 (27.11.2002)		
International Patent Classification (IPC) or n H04L 7/04	lational classification and	IPC			
Applicant	INFINEON TECHN	NOLOGIES AG			
<ol> <li>This international preliminary examination report has been prepared by this International Preliminary Examining Authority and is transmitted to the applicant according to Article 36.</li> </ol>					
2. This REPORT consists of a total of	4 sheets, in	ncluding this cover s	heet.		
This report is also accompanied by ANNEXES, i.e., sheets of the description, claims and/or drawings which have been amended and are the basis for this report and/or sheets containing rectifications made before this Authority (see Rule 70.16 and Section 607 of the Administrative Instructions under the PCT).					
These annexes consist of a					
211000 Elimonou Consist of a					
<ol> <li>This report contains indications related</li> </ol>	3. This report contains indications relating to the following items:				
I Basis of the report					
II Priority					
III Non-establishmer	nt of opinion with regard to	novelty, inventive s	step and industrial applicability		
IV Lack of unity of i	The Manufacture of the Control of th				
V Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement					
	Orași de Sant				
VII Certain defects in the international application					
VIII Certain observations on the international application					
Date of submission of the demand	]	Date of completion of this report			
24 June 2004 (24.06.2004)		16 September 2004 (16.09.2004)			
Name and mailing address of the IPBA/EP		Authorized officer			
Facsimile No.		Telephone No.	·		

Form PCT/IPEA/409 (cover sheet) (January 1994)

Translation



#### INTERNATIONAL PRELIMINARY EXAMINATION REPORT

In an ional application No.
PCT/EP2003/012350

L. Basis of th	ie report			
1. This report has been drawn on the basis of (Replacement sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to in this report as "originally filed" and are not annexed to the report since they do not contain amendments.):				
	the international	application as o	originally filed.	
$\boxtimes$	the description,	pages	1-9	_, as originally filed,
		pages		_, filed with the demand,
		pages	··	_, filed with the letter of,
		pages		_, filed with the letter of ·
	the claims,	Nos	1-11	_ , as originally filed,
		Nos		, as amended under Article 19,
		Nos.		_ , filed with the demand,
		Nos		, filed with the letter of,
		Nos		, filed with the letter of
	the drawings,	sheets/fig	1/2-2/2	_ , as originally filed,
		sheets/fig		_ , filed with the demand,
		sheets/fig		, filed with the letter of,
		sheets/fig		, filed with the letter of
2. The amen	dments have result	ed in the cancel	lation of:	
	the description,	pages		
	the claims,			
	the drawings,			
<u> </u>				
3. Th	s report has been e	stablished as if	(some of) the an	nendments had not been made, since they have been considered
to ;	go beyond the disci	osure as filed, a	is indicated in the	e Supplemental Box (Rule 70.2(c)).
4. Additiona	l observations, if n	ecessary:		

## INTERNATIONAL F. LIMINARY EXAMINATION REPORT

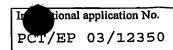
1	nal application No	
PCT/E	P 03/1235	0

v.	Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement				
1.	Statement				
	Novelty (N)	Claims	1-11	YES	
		Claims		NO NO	
	Inventive step (IS)	Claims	1-11	YES	
		Claims		NO NO	
	Industrial applicability (IA)	Claims	1-11	YES	
		Claims		NO	

- 2. Citations and explanations
  - 1. Reference is made to the following document:

D1: US-A-5 905 887 (CHEN HO-WEN ET AL) 18 May 1999 (1999-05-18).

- 2. Document D1 discloses a method for detecting the clock frequency of a CPU clock. The CPU clock (system clock) is delivered to both the CPU (host) and a peripheral device. The frequency is detected by using a second, that is to say, secondary clock, whose clock frequency is known.
- 3. The subject matter of claim 1 essentially differs from document D1 in that in the system disclosed in document D1 the secondary clock signal belongs to the peripheral device and is not applied to the host. The subject matter of claim 1 is therefore novel (PCT Article 33(2)).
- 4. The problem to be solved by the present invention is therefore understood to be that of determining how to dispense with a quartz clock. If the host itself also has to carry out a method for determining the clock frequency of the system clock, an external



clock or an internal quartz clock becomes necessary.

5. The solution to this problem proposed in claim 1 is not known from the prior art or the general technical knowledge in the field and hence not obvious to a person skilled in the art. The re-use of the secondary clock would make little sense in document D1 since the peripheral device is designed as insulation between the system bus signals and the ISA bus signals. Consequently, the application meets the requirements for inventive step of PCT Article 33(3).

Claims 2-11 are dependent on claim 1 and therefore likewise meet the PCT requirements for novelty and inventive step.